

## 2004 Emergency Public Information Calendar: Historic Plymouth Area



### **An Emergency Plan For Your Protection**

For Neighbors of Entergy's Pilgrim Nuclear Power Station

**-IMPORTANT INFORMATION-**  
Keep this calendar handy.

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## Cover Photo:

**Freeman Place Clubhouse of the Duxbury Yacht Club,  
Duxbury, c.1910**

Photo: courtesy of Duxbury Rural and Historical Society

# For Help During A Pilgrim Emergency

Remember, in a public emergency, do not use your telephone except to request help if you need it. For information, listen to your local Emergency Alert System radio station. It is important to leave telephone lines open to allow emergency workers to assist people who need immediate help.

For help **during** Pilgrim emergency:

<b>Plymouth</b>	<b>(508) 747-5050</b>
<b>TTY</b>	<b>(508) 747-0699</b>
<b>Kingston</b>	<b>(781) 585-7649</b>
<b>TTY</b>	<b>(781) 585-7653</b>
<b>Duxbury</b>	<b>(781) 934-7120</b>
<b>TTY</b>	<b>(781) 934-5104</b>
<b>Carver</b>	<b>(508) 866-5329</b>
<b>TTY</b>	<b>(508) 866-4079</b>
<b>Marshfield</b>	<b>(781) 837-7119</b>
<b>TTY</b>	<b>(781) 837-0666</b>

Massachusetts Emergency Management Agency  
Region II Emergency Operations Center **(508) 697-3111**

## Massachusetts Public Information 1-800-982-6846

For emergency planning information **in advance**, contact:

<b>Plymouth</b>	<b>(508) 830-4076</b>
<b>TTY</b>	<b>(508) 747-0699</b>
<b>Kingston</b>	<b>(781) 585-3135</b>
<b>TTY</b>	<b>(781) 585-1337</b>
<b>Duxbury</b>	<b>(781) 934-7159</b>
<b>TTY</b>	<b>(781) 934-5104</b>
<b>Carver</b>	<b>(508) 866-5219</b>
<b>TTY</b>	<b>(508) 866-4079</b>
<b>Marshfield</b>	<b>(781) 837-7100</b>
<b>TTY</b>	<b>(781) 837-5106</b>

# A Message To Neighbors Of Entergy's Pilgrim Nuclear Power Station

The Commonwealth of Massachusetts has a policy on emergency planning:

First, each and every human life is of equal and inestimable value;

Second, during an emergency, the Commonwealth of Massachusetts will make every effort and exhaust every resource, public and private, to save lives, reduce injury and suffering, and protect people from exposure to harm;

Third, during an emergency, protective action judgments will be made on the basis of human need. There is no such thing as an acceptable level of death, injury or suffering.

## Emergency Information

This important information is provided to you as a public service by the Massachusetts Emergency Management Agency, the Massachusetts Department of Public Health and Entergy Nuclear Northeast's Pilgrim Nuclear Power Station.

It tells you what to do in the event of an emergency at Pilgrim Nuclear Power Station. Some of this information would also be useful in other emergencies requiring public notification and possible public response. Such emergencies may include train derailments, chemical spills, floods, hurricanes, and tornadoes.

**Please read this calendar and keep it in a safe and handy place.**

## Emergency Classification

If an emergency is declared at the Pilgrim Nuclear Power Station, it would be categorized into one of four emergency levels.

**Unusual Event:** This means a minor problem has occurred at the plant. It may involve situations such as hazardous weather or a minor equipment problem. Public officials would be notified, but there would be no need to sound the warning signals. People in the area would not need to take any special actions.

**Alert:** This could affect plant safety but it is not expected to require any special actions by residents. Public officials would be notified. They would watch the situation and be ready to act if it got worse. As a precaution, public officials may mobilize transportation resources. They may transfer school children to host schools outside the area and clear state forests and waterways. Emergency Alert System radio or news broadcasts would inform the public of these actions.

**Site Area Emergency:** This means a more serious problem affecting the plant and plant boundaries has occurred. Any release of radioactive materials would be below federal limits. State and local officials would keep persons in the area fully informed about any necessary actions through Emergency Alert System radio stations. As a precaution, State officials would move school children to host schools outside the area if this had not already been done. Other precautions would be called for by state officials, as needed.

**General Emergency:** This is the most serious type of emergency. It could involve serious damage at the plant and a release of radioactive materials. State officials might direct persons in some areas to shelter-in-place or to evacuate to a safer location. Special instructions and other important information would be issued over the Emergency Alert System radio stations.

# Are You In The Emergency Planning Zone?

The area approximately 10 miles around the Pilgrim Nuclear Power Station is called the Emergency Planning Zone. Plans have been developed for warning and protecting people within the 10-mile area (refer to the map on page 7). Communities in the Emergency Planning Zone are: Plymouth, Kingston, Duxbury and portions of Carver and Marshfield. The Emergency Planning Zone is divided into subareas. Official emergency instructions will be given for specific subareas. It is important to know your subarea and follow instructions for that specific area. The subareas are as follows:

**Subarea 1** - That portion of Plymouth within approximately 2 miles of the Pilgrim Station from Clifford Road east to White Horse Beach, and from Manomet Bluffs north to the Station.

**Subarea 2** - That portion of Plymouth from Long Pond and Jordan Roads east to the coast, and from Ship Pond Road north to Howland Pond and Manomet Bluffs.

**Subarea 3** - That portion of Plymouth from the eastern shores of Billington Sea, Great South Pond and Gunners Exchange Pond east to Plymouth Beach, and from the intersection of Alden and Long Pond Roads, and Jordan Road north to Route 44.

**Subarea 4** - Duxbury Beach, Gurnet Point, Saquish Neck and Clark's Island.

**Subarea 5** - That portion of Plymouth south of Upper College Pond Road, Alden Road, Long Pond Road, and Ship Pond Road.

**Subarea 6** - That portion of Plymouth from the Plymouth-Carver town line east to the eastern shores of Billington Sea, Great South Pond, and Gunners Exchange Pond, and from Upper College and Alden Roads north to Route 44.

**Subarea 7** - That portion of Plymouth north of Route 44.

**Subarea 8** - The entire Town of Kingston.

**Subarea 9** - The entire Town of Duxbury.

**Subarea 10** - That portion of Marshfield south of Route 139/ Careswell Street - Dike Road.

**Subarea 11** - That portion of Carver east of Route 58.

**Subarea 12** - That portion of Cape Cod Bay within 10 miles of the station.

## How You Will Be Notified Of An Emergency

If there is an emergency requiring public notification, you will be alerted by one or more of the following warning signals:

- The loud, steady tone of the **outdoor** emergency sirens, lasting 3 to 5 minutes.
- A voice message over beach loudspeakers.
- Broadcasts from loudspeakers on police and other official vehicles.
- Announcements from town harbormasters or an Urgent Marine Information Broadcast from the U.S. Coast Guard.
- Tone-alert Emergency Alert System radios.
- A message on Teletypewriters (TTYs) if you have registered with a town Emergency Management Office to be notified over TTY in case of an emergency.

**If you hear any of these signals, turn to one of the Emergency Alert System radio stations immediately.**

Check with your neighbors, especially the elderly or those who have difficulty hearing or seeing, to make sure they have received the warning and know what to do.

# Emergency Alert System (EAS)

If you are alerted by the warning signal, you should tune to your local Emergency Alert System (EAS) station for emergency instructions. EAS is the direct link between you and the people responsible for your safety. Instructions may be given to you at any hour, day or night, and will include recommendations as to what you should do for your protection. Follow instructions carefully. Do not worry if you miss the beginning of an emergency broadcast. Information will be provided regularly.

## Local EAS Stations

<b>WBMX</b>	<b>Boston</b>	<b>98.5 FM</b>
<b>WATD</b>	<b>Marshfield</b>	<b>95.9 FM</b>
<b>WPLM</b>	<b>Plymouth</b>	<b>99.1 FM</b>
<b>WPLM</b>	<b>Plymouth</b>	<b>1390 AM</b>

In case of an emergency, always stay tuned to an Emergency Alert System station for your area.

# What To Do When Told To Shelter-In-Place

You maybe in a sub-area instructed to shelter-in-place. This means you should immediately go inside the nearest available building. If you are already inside, stay there. Sheltering-in-place may provide the best protection. If a shelter-in-place message is given for your sub-area over the Emergency Alert System radio station, you should do the following:

- **Go indoors** and close all doors and windows.
- **Turn off** all window fans, clothes dryers, kitchen and bath exhaust fans, air conditioners, and other sources of outside air.
- **Continue to listen** to your EAS station for official messages and instructions.
- **Keep pets indoors.**
- **If you have livestock**, shelter them too. Give them stored feed and water from a covered source.

Below ground basements provide the best shelter. Avoid areas near windows; Above ground, interior rooms on lower floors provide the best protection.

Stay inside until officials say otherwise. If you must go outside, cover your nose and mouth with a folded, damp cloth. Persons with respiratory disorders should not go out at all.

If you are traveling in a motor vehicle in the affected area, close the windows and air vents. Keep the radio tuned to an EAS station. If you are a local resident, go home immediately and stay inside. If you are a visitor, leave the area immediately, or go inside a nearby building or a public shelter.

Public shelters near visitors' areas will be marked by large red "Emergency Shelter" signs.

If sheltering-in-place is recommended during school hours, children will be sheltered right in the school building and cared for by school personnel.

DO NOT use your telephone unless you need special assistance.

# Plans For Children In School Or Day Care

## Schools

All schools within the subareas shown on page 7 have emergency plans. Early in an emergency, school children will be moved to “host” schools outside the area. Do not try to pick up children at their school or phone the school. The phone lines would be needed for emergency use. Instead, meet them at their host schools.

Children who live inside the emergency planning zone but who go to a school outside the area will be held at their school until their parents pick them up.

If an emergency existed before the start of the school day, school would be canceled, as it is when there is danger of a winter storm.

## Day Care Centers

Day care centers within the emergency planning zone have emergency plans. Early in an emergency, day care centers will be closed. Parents will be notified of this by telephone, if possible, and asked to pick up their children. Any children not picked up will be taken to a host school outside the emergency planning zone. Designated host schools are listed beginning in the next column through page 5.

In a sudden, serious emergency, children may be taken directly to a reception center for monitoring and, if necessary, decontamination. Then they would be taken to their assigned host school where you should pick them up.

**Parents should listen to their local Emergency Alert System radio station to confirm this information at the time of an emergency.**

# List Of Host Schools

**If your children attend:**

**They will be taken to:**

## CARVER

## HOST SCHOOLS

Captain Pal Preschool  
Cranberry Crossing Day Care  
Kids Count Nursery and Pre-School  
Kidstop Day Care

- Burnell Elementary School at  
Bridgewater State College,  
Hooper Street  
Bridgewater, MA

Carver High School  
Carver Middle School

- Bridgewater/Raynham Regional  
High School  
Mt. Prospect Street  
Bridgewater, MA

Governor John Carver  
Elementary/Primary School  
Old Colony Y

- Williams Middle School  
200 South Street  
Bridgewater, MA

## DUXBURY

## HOST SCHOOL

Alden Elementary School  
Bay Farm Montessori Academy  
Berrybrook Preschool  
Chandler Elementary School\*  
Discovery Corner Day Care  
Duxbury High School  
Duxbury Middle School\*  
Duxbury Bay Maritime School  
Good Shepard Christian Academy  
Learn In Play Preschool  
Noah's Ark Day Care  
Pied Piper Preschool  
Pilgrim Area Collaborative  
Pilgrim Day Care  
South Shore Conservatory Preschool  
Magic Dragon Children's Center at Chandler Elementary School

- Braintree High School  
128 Town Street  
Braintree, MA

\* and all associated before and after school programs and clubs

## List Of Host Schools (cont.)

**If your children attend:**                      **They will be taken to:**

### KINGSTON

### HOST SCHOOLS

Kingston Elementary School  
Kingston Intermediate School

- Adrian Tinsley Center at Bridgewater State College  
325 Plymouth Street  
Bridgewater, MA

Fellowship Christian Academy

- Bridgewater Elementary  
500 South Street  
Bridgewater, MA

Sacred Heart Pre-Primary School  
Sacred Heart Elementary School  
Sacred Heart High School  
Silver Lake Regional High School

- Bridgewater/Raynham Regional High School  
166 Mt. Prospect Street  
Bridgewater, MA

First Friends Early Childhood Center  
Growth Unlimited Pre-School  
Little People's Country Day Care  
South Shore Head Start and Child Care at Silver Lake  
The Children's Center at Silver Lake  
The Children's Workshop

- Burnell Elementary School  
66 Hooper Street  
Bridgewater, MA

### MARSHFIELD

### HOST SCHOOL

Governor Edward Winslow School

- Furnace Brook School  
Furnace Street  
Marshfield, MA

### PLYMOUTH

### HOST SCHOOLS

Plymouth Community Intermediate School  
Plymouth South High School  
Plymouth South Middle School

- Taunton High School  
50 Williams Street  
Taunton, MA

Indian Brook Elementary School

- Our Lady of Lourdes Elementary School  
52 First Street  
Taunton, MA

Federal Furnace Elementary School

- James L. Mulcahey School  
28 Clifford Street  
Taunton, MA

**If your children attend:**                      **They will be taken to:**

### PLYMOUTH

### HOST SCHOOLS

Manomet Elementary School

- Bennett School  
47 N. Walker Street  
Taunton, MA

Plymouth North High School

- Bristol-Plymouth Regional Technical School  
940 County Street  
Taunton, MA

Mt. Pleasant Elementary School  
West Elementary School

- Friedman Middle School  
500 Norton Avenue  
Taunton, MA

Nathaniel Morton School  
South Elementary School

- Martin Middle School  
131 Caswell Street  
Taunton, MA

Cold Spring Elementary School  
Oak Street School

- Coyle and Cassidy High School  
Hamilton and Adams Streets  
Taunton, MA

Hedge Elementary School

- Elizabeth Pole School  
110 County Street  
Taunton, MA

Bright Beginnings  
Cranberry Country Day School  
Garden of Knowledge  
Kidsport, Inc.  
Kinder Kollege Nursery School  
Little Bears Playschool  
Methodist Nursery School  
New Testament Christian School  
Pilgrim Academy  
Pinewood School of Montessori  
Rising Tide Charter School  
Room 2 Grow  
Super Kids of Plymouth  
Tiny Town Children's Center  
Woodside School

Children's Creative Learning Center  
Little Red Schoolhouse  
Ponds Child Care Center  
South Shore Head Start

- Leddy School  
36 Second Street  
Taunton, MA



# What To Do When Told To Evacuate

If an evacuation is necessary, public safety officials will tell you over the Emergency Alert System radio station what to do. DO NOT evacuate unless directed to do so by public safety officials.

Take the following actions ONLY if persons in your subarea are told to evacuate. The maps on pages 11 through 14 will help you find out which subarea is yours.

- Gather all persons in the house together.
- DO NOT try to pick up children at their schools. They will be taken to designated host schools outside the area where you may pick them up later (see pages 4 and 5).
- Household members outside the area may be advised not to return during an evacuation. They will be directed to the reception center where they can join you.
- DO NOT call your local fire or police departments for information. Emergency workers will need their phone lines for emergency use. If you need special help, call your local Emergency Management Office at the number listed on the inside cover.

**Stay tuned to your Emergency Alert System Radio Station.**

## What to Do as You Leave

- Turn off lights and unnecessary appliances.
- Close and lock windows and doors.
- Check with neighbors to see if they need assistance. Offer to share transportation, if you can.
- If you need a ride, try to get one with neighbors.
- If you cannot get a ride, find out what subarea you are in using the maps beginning on page 11 through 14. Buses will pick you up along bus routes and at pick-up points shown on those maps. If you cannot get to the bus routes or pick-up points, contact your local Emergency Management Office at the number listed on the inside cover. Emergency workers will arrange transportation for you.

- If you have livestock, shelter them. Leave them a three-day supply of stored feed and water that has been protected from possible contamination.

## How to Travel

- While traveling in the car, keep all windows and vents closed until you have left the EPZ.
- Keep the car radio tuned to an Emergency Alert System station.
- Drive out of the area along one of the routes shown on the maps on pages 7-10.

## Here are Some Things You May Want to Take With You

Just take essential items you would need. You could be away from home for a few hours to a few days. These are suggestions that apply to any type of emergency evacuation:

- This calendar
- Clothing for several days
- Toilet articles (soap, toothbrush, toothpaste, shampoo, etc.)
- Prescription medicines, medical equipment and important medical records
- Special dietary foods
- Baby supplies
- Identification (drivers license) and important papers
- Checkbook, credit card, and cash
- Blankets, pillows, and towels (if you plan to stay at a public mass care shelter)

## About Your Pets

Plan how to take your pets with you. See page 19 for more information about how to evacuate your pets safely.

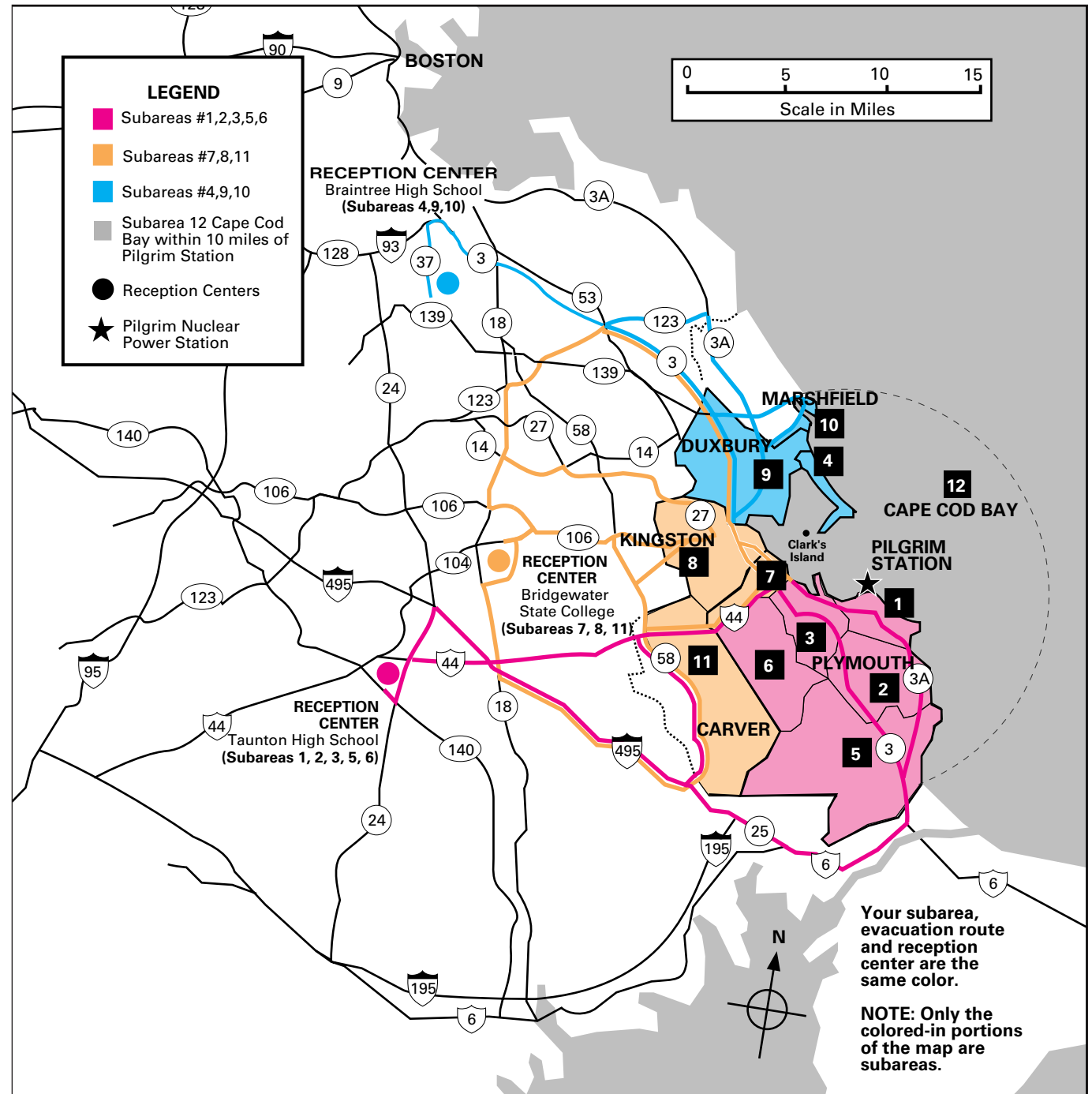
Only seeing-eye and hearing-aid dogs and other service animals will be allowed inside the reception centers and mass care shelters.

**DO NOT LEAVE YOUR PETS BEHIND. ARRANGE FOR THEIR EVACUATION IN ADVANCE.**



# Evacuation Route And Reception Center Map

To evacuate, follow the routes shown on the map for your sub-area. They are the quickest, safest routes to use in an emergency. All locations outside the colored-in subareas shown on the map are far enough away from Pilgrim Station that evacuation is not needed. You should evacuate **ONLY** if you are in a subarea whose residents and visitors have been told to evacuate by announcements on your Emergency Alert System radio stations.



# Reception Centers

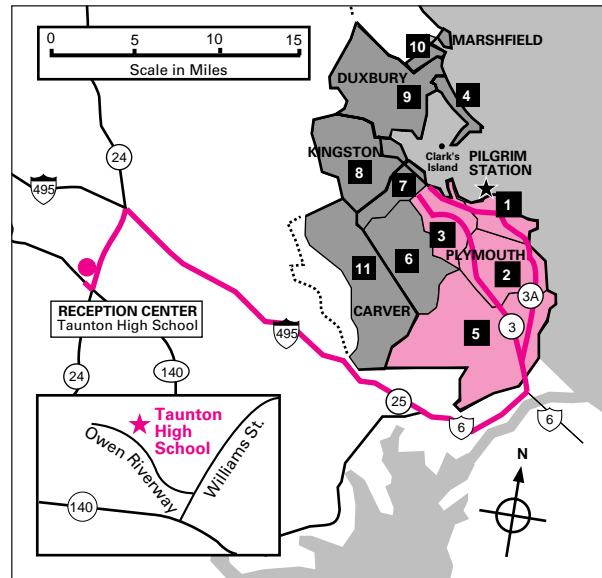
Reception centers are available to assist evacuees. The reception center for your subarea is outside the 10-mile Emergency Planning Zone.

At the center, you will be registered and monitored for contamination. Emergency workers will decontaminate and care for anyone needing this type of assistance. You will be able to receive information about the location of other members of your family who have already registered at the reception center. If you need a place to stay, you will be directed to a mass care shelter that provides meals and lodging. The reception center and mass care shelters are handicap accessible. If you have additional needs, officials will assist you.

If you can, you may want to stay with friends or relatives until the emergency is over.

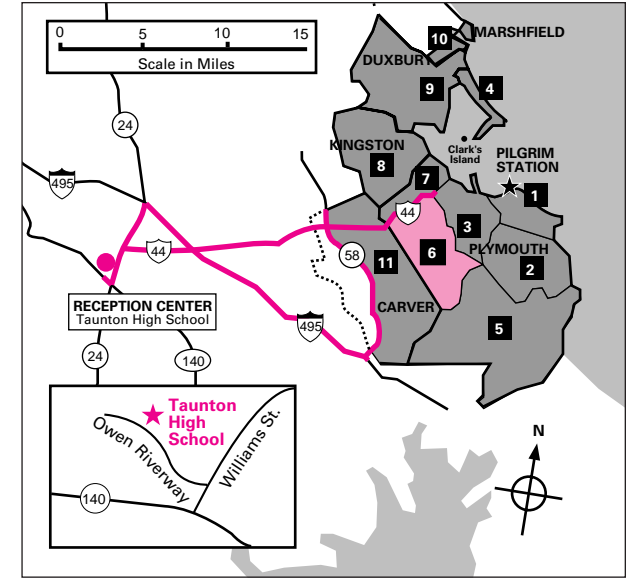
# Directions To Reception Centers

## To Taunton High School Reception Center From Subareas 1,2,3,5,6 (or if you have school children in Plymouth)



### Subareas #1, 2, 3 or 5 – all in Plymouth:

Take Route 3 or 3A South to Route 6 (Cranberry Highway) West, to Route 25 West/495 North. Follow Route 25 West/495 North to Route 24 South. Follow Route 24 South to Route 140 North. Go North on Route 140 to Williams Street. Turn right on Williams Street. Follow Williams Street to the Owen Riverway. Turn left and follow the Owen Riverway to the **Taunton High School Reception Center**.

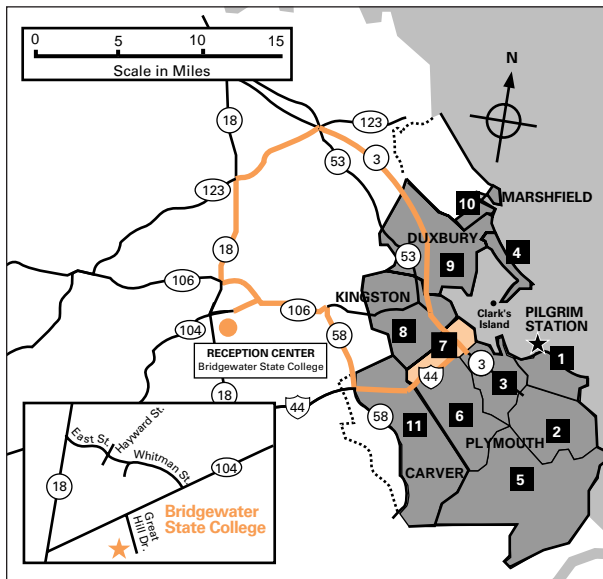


### Subarea #6 – Plymouth:

Take Route 44 West to Route 24 South to Route 140 North. Go North on Route 140 to Williams Street. Turn right on Williams Street. Follow Williams Street to the Owen Riverway. Turn left and follow the Owen Riverway to the **Taunton High School Reception Center**.

Or, take Route 44 West to Route 58 South to Route 495 North. Follow Route 495 North to Route 24 South. Follow Route 24 South to Route 140 North. Go North on Route 140 to Williams Street. Turn right on Williams Street. Follow Williams Street to the Owen Riverway. Turn left and follow the Owen Riverway to the **Taunton High School Reception Center**.

## To Bridgewater State College Reception Center From Subareas 7,8,11

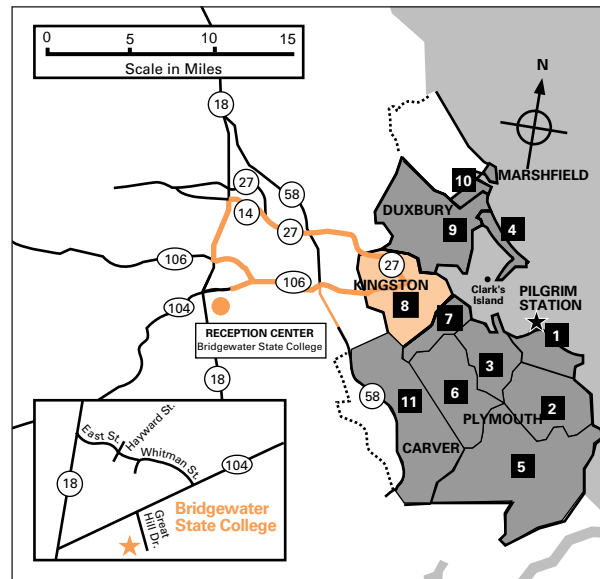


### Subarea #7 – Plymouth:

**NOTE:** If you are in Subarea 7 and have children at school in Plymouth, follow directions for Subarea 6 to the Taunton High School Reception Center. If you do not have children at school in Plymouth, use the following directions.

Take Route 44 West to Route 58 North to Route 106 West. Turn left and follow Route 106 West to Route 104 West. Turn left and follow Route 104 West to Great Hill Drive. Turn left on Great Hill Drive and follow signs to the **Bridgewater State College Reception Center**.

Or, take Route 3 North to Route 53 North. Follow Route 53 North to Route 123 West to Route 18 South. Follow Route 18 South to East Street in East Bridgewater. Turn left on East Street to Hayward Street to Whitman Street. Turn left on Whitman Street to Route 104 West. Turn right on Route 104 to Great Hill Drive and follow signs to the **Bridgewater State College Reception Center**.

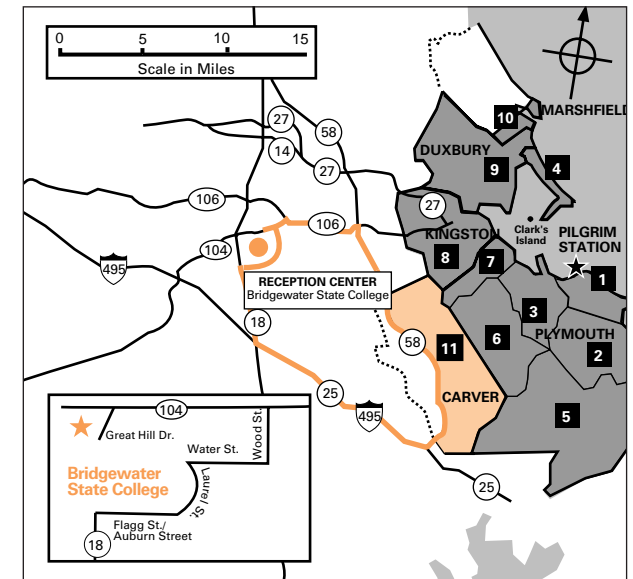


### Subarea #8 – Kingston:

Take Route 106 West to Route 104 West. Turn left and follow Route 104 West to Great Hill Drive. Turn left on Great Hill Drive and follow signs to the **Bridgewater State College Reception Center**.

Or, take Brook Street to Elm Street West to Brook Street in Plympton. Follow Brook Street, bear right onto Colchester Road which becomes Mayflower Road. Follow Mayflower Road to Route 58 North to Route 106 West. Follow Route 106 West to Route 104 West to Great Hill Drive. Turn left on Great Hill Drive and follow signs to the **Bridgewater State College Reception Center**.

Or, take Route 27 North to Route 14 West to Route 18 South. Follow Route 18 South to East Street in East Bridgewater. Turn left on East Street to Hayward Street to Whitman Street. Turn left on Whitman Street to Route 104 West. Turn right on Route 104 to Great Hill Drive and follow signs to the **Bridgewater State College Reception Center**.

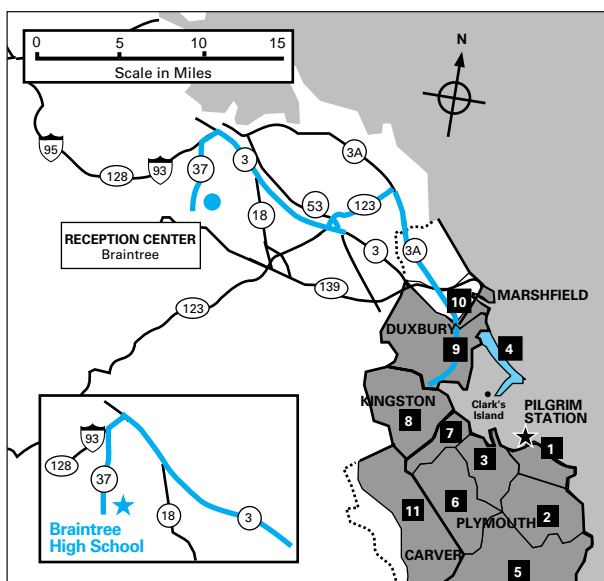


### Subarea #11 – Carver:

Take Route 58 North to Route 106 West to Route 104 West. Follow Route 104 West to Great Hill Drive. Turn left on Great Hill Drive and follow signs to the **Bridgewater State College Reception Center**.

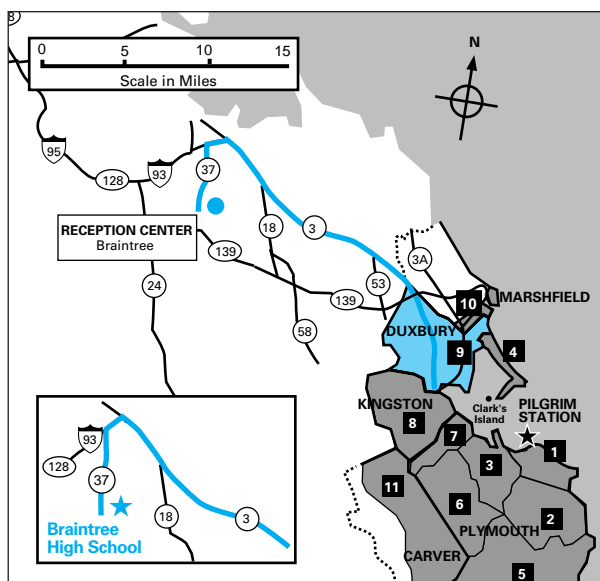
Or, take Route 58 South to Route 495 North to Exit 5 to Route 18 North. Continue on Route 18 North to Flagg Street. Turn right on Flagg Street and proceed across Summer Street where Flagg Street becomes Auburn Street. Proceed on Auburn Street to Laurel Street. Turn left on Laurel Street to Water Street. Turn right on Water Street to Wood Street. Turn left on Wood Street to Route 104 West. Turn left on Great Hill Drive and follow signs to the **Bridgewater State College Reception Center**.

## To The Braintree Reception Center At The Braintree High School From Subareas 4,9,10



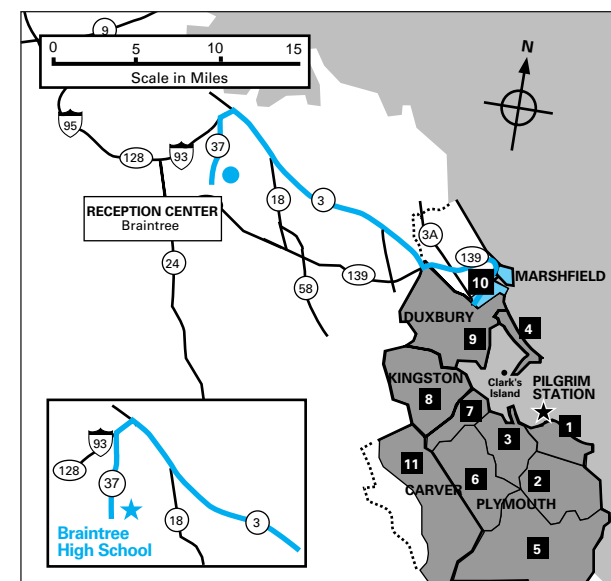
### Subarea #4 – Duxbury Beach, Saquish Neck, Gurnet Point, Clark's Island:

Take Route 3A North to Route 123 West to Route 53 South. Turn left on Route 53 South to Route 3 North. Turn right onto Route 3 North to Exit 20, Route I-93 South (128 North). Take I-93 South to Exit 6 (Route 37 Braintree), turn right on Route 37 past South Shore Plaza and proceed towards Braintree Five Corners. Bear right at Braintree Five Corners onto Granite Street. Turn left onto Town Street at Granite Plaza to the **Braintree Reception Center at Braintree High School**.



### Subarea #9 – Duxbury:

Take Route 3 North to Exit 20, Route I-93 South (128 North). Take I-93 South to Exit 6 (Route 37 Braintree), turn right on Route 37 past South Shore Plaza and proceed towards Braintree Five Corners. Bear right at Braintree Five Corners onto Granite Street, turn left onto Town Street at Granite Plaza to the **Braintree Reception Center at Braintree High School**.



### Subarea #10 – Marshfield:

Take Route 139 West to Route 3 North. Take Route 3 North to Exit 20, Route I-93 South (128 North). Take I-93 South to Exit 6 (Route 37 Braintree), turn right on Route 37 past South Shore Plaza and proceed towards Braintree Five Corners. Bear right at Braintree Five Corners onto Granite Street, turn left onto Town Street at Granite Plaza to the **Braintree Reception Center at Braintree High School**.

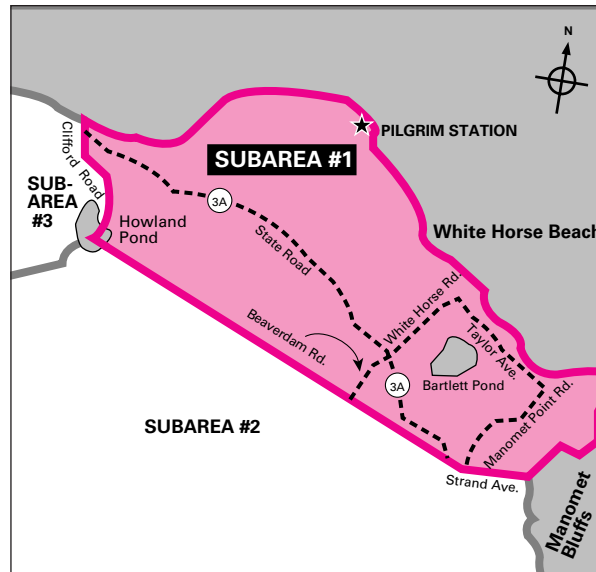
### Subarea #12 – Cape Cod Bay

Subarea 12 is that portion of Cape Cod Bay within 10 miles of the Pilgrim Nuclear Power Station (see map on page 7). Boaters in Subarea 12 should follow instructions given by town harbor masters or the U.S. Coast Guard.

# Emergency Bus Routes

Emergency buses would be available if evacuation should be necessary for your subarea. If you need a ride, a bus would take you to your reception center. Additional bus information could be given on the Emergency Alert System.

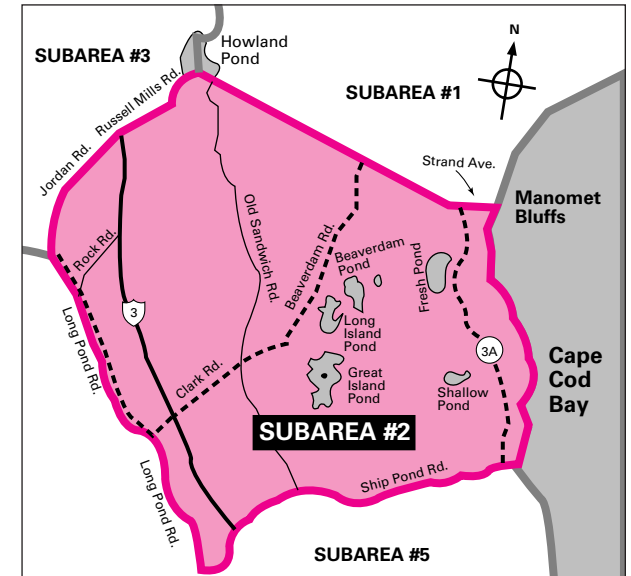
If you need a ride, walk to the designated bus route closest to you. Bus routes are shown as a dashed line (-----). Buses will pick you up at any point along these routes. Buses will continue to run these routes until everyone has been picked up.



## Plymouth Emergency Bus Route

**Subarea 1** That portion of Plymouth within approximately 2 miles of the Pilgrim Station, from Clifford Road east to White Horse Beach, and from Manomet Bluffs north to the Station.

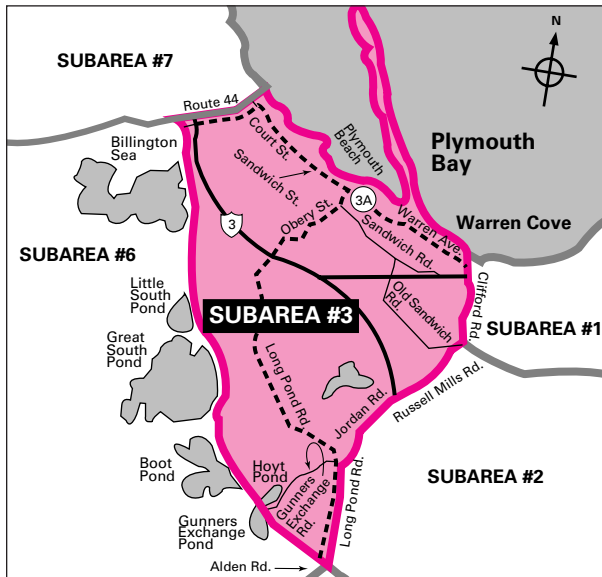
**The buses will take you to the Taunton High School Reception Center.**



## Plymouth Emergency Bus Route

**Subarea 2** That portion of Plymouth from Long Pond and Jordan Roads east to the coast, and from Ship Pond Road north to Howland Pond and Manomet Bluffs.

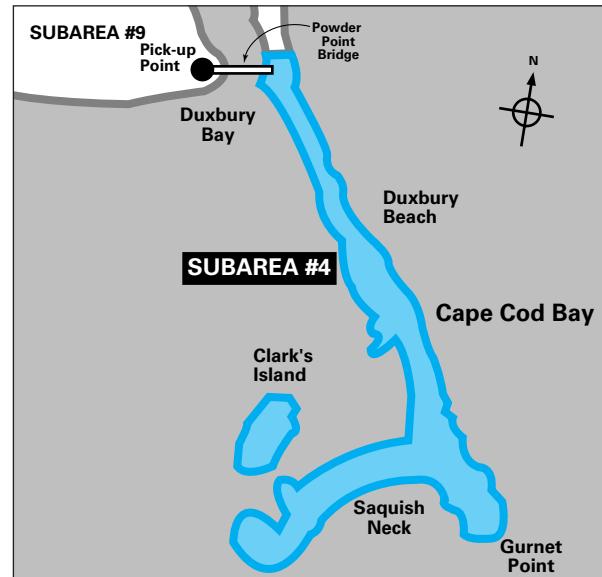
**The buses will take you to the Taunton High School Reception Center.**



## Plymouth Emergency Bus Route

**Subarea 3** That portion of Plymouth from the eastern shores of Billington Sea, Great South Pond and Gunners Exchange Pond east to Plymouth Beach, and from the intersection of Alden and Long Pond Roads, and Jordan Road north to Route 44.

**The buses will take you to the Taunton High School Reception Center.**

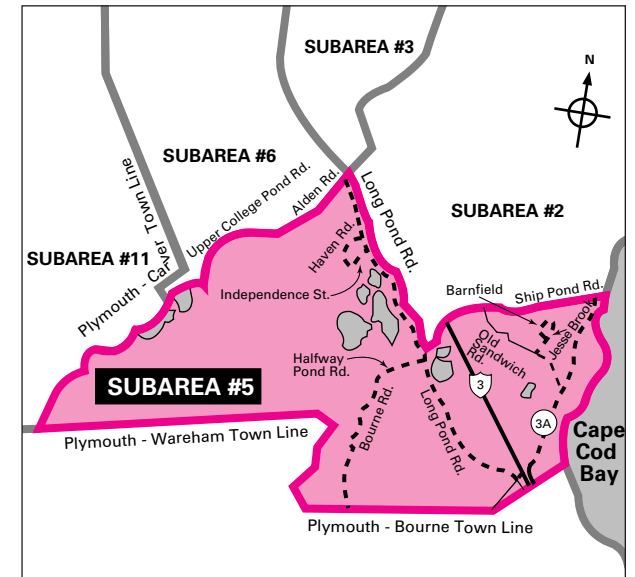


## Duxbury / Plymouth Emergency Pick-Up Point

**Subarea 4** Duxbury Beach, Gurnet Point, Saquish Neck and Clark's Island.

If you need a ride from Saquish Neck, Duxbury Beach or Gurnet Point, transportation assistance will be provided at the Powder Point Bridge pick-up point. The Duxbury Harbormaster will assist those with transportation needs on Clark's Island.

**Buses will take you to the Braintree Reception Center.**

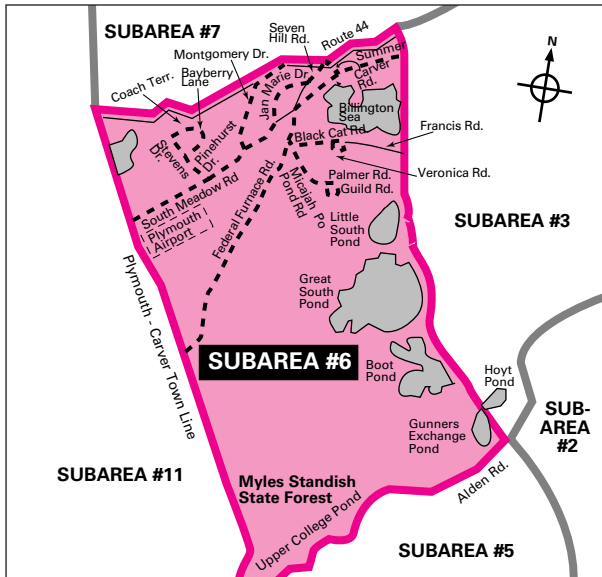


## Plymouth Emergency Bus Route

**Subarea 5** That portion of Plymouth south of Upper College Pond Road, Alden Road, Long Pong Road, and Ship Pond Road.

**The buses will take you to the Taunton High School Reception Center.**

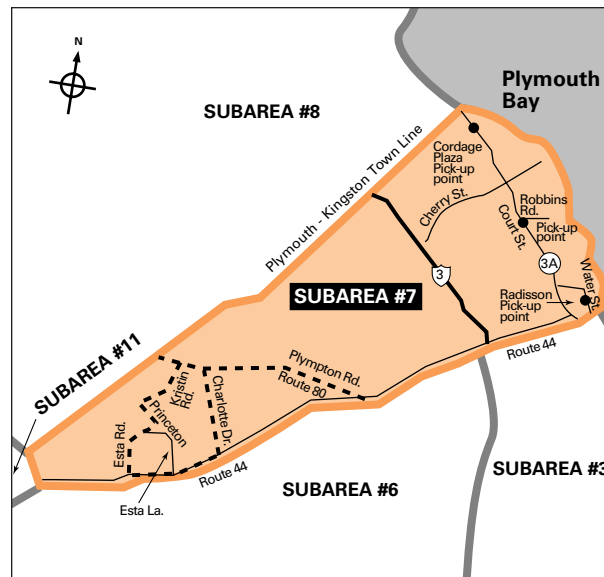




## Plymouth Emergency Bus Route

**Subarea 6** That portion of Plymouth from the Plymouth-Carver Town line east to the eastern shores of Billington Sea, Great South Pond, and Gunners Exchange Pond, and from Upper College Pond and Alden Roads north to Route 44.

**The buses will take you to the Taunton High School Reception Center.**



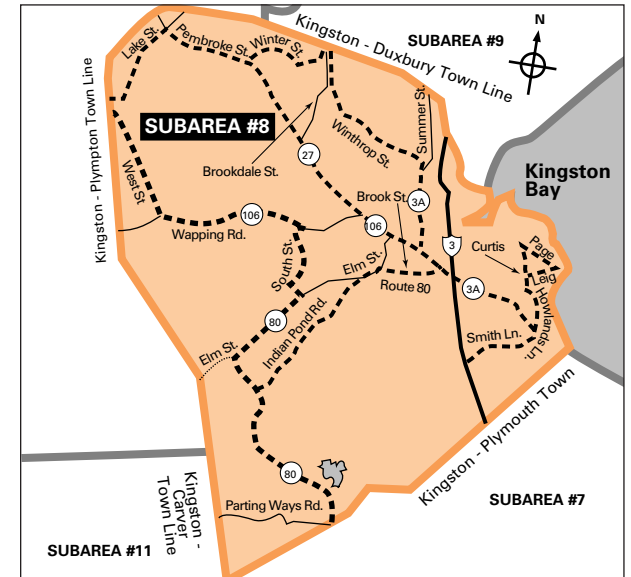
## Plymouth Emergency Bus Route and Pick-Up Points

**Subarea 7** That portion of Plymouth north of Route 44.

Three pick-up points have been established for northern Plymouth and the waterfront area in Subarea 7 at the following locations:

- Cordage Park Plaza on Route 3A;
- Court Street at Robbins Rd.;
- Radisson Hotel Plymouth Harbor (formerly Sheraton Plymouth) parking lot on Water Street.

**The buses will take you to the Bridgewater State College Reception Center.**

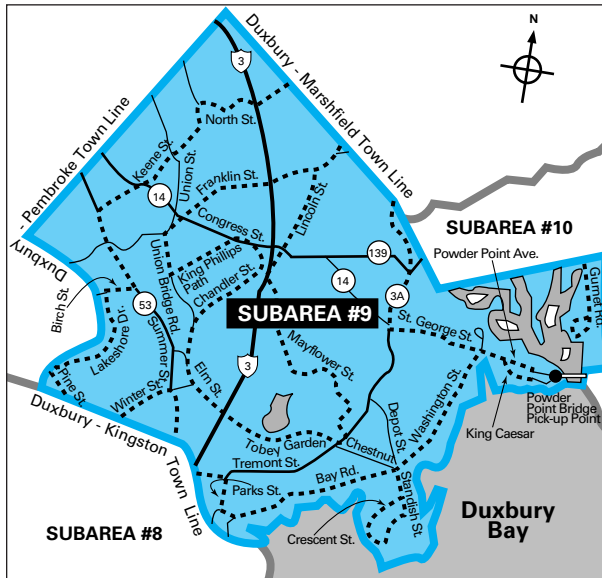


## Kingston Emergency Bus Route

**Subarea 8** The entire Town of Kingston.

**The buses will take you to the Bridgewater State College Reception Center.**



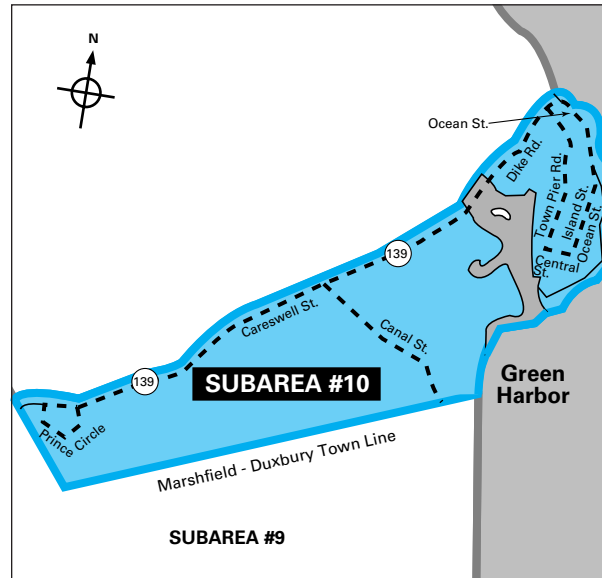


## Duxbury Emergency Bus Route and Pick-Up Point

**Subarea 9** The entire Town of Duxbury.

One pick-up point also has been established in the Town of Duxbury on the west or main-land-side of the Powder Point Bridge.

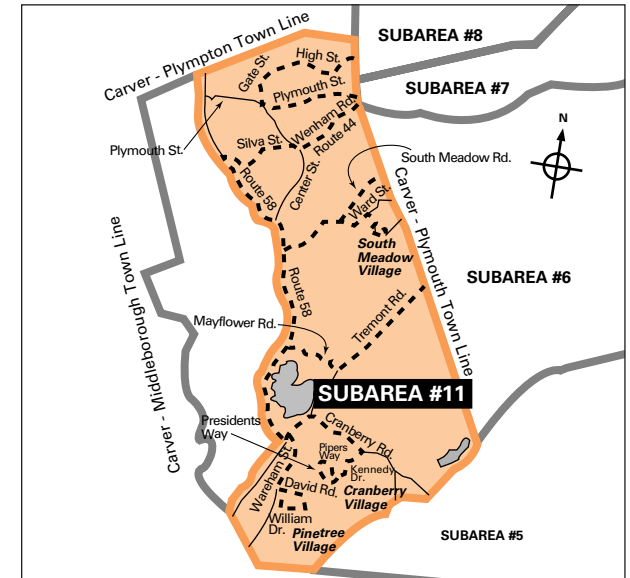
**Buses will take you to the Braintree Reception Center.**



## Marshfield Emergency Bus Route

**Subarea 10** That portion of Marshfield south of Route 139/Careswell Street - Dike Road.

**Buses will take you to the Braintree Reception Center.**



## Carver Emergency Bus Route

**Subarea 11** That portion of Carver east of Route 58.

**The buses will take you to the Bridgewater State College Reception Center.**

# Plans For Special Groups

## Health Care Facilities

Hospital patients and residents of nursing homes who are physically able to be moved will be taken to other health care facilities outside the area if evacuation is necessary.

If time allows, families of patients well enough to be discharged on a short-term basis will be contacted by health care administrators before an evacuation occurs.

If patients in health care facilities are evacuated to host facilities, information on their locations will be available through your local Emergency Management Office at the emergency telephone numbers listed on the inside cover.

## People with Special Needs

Let your local Emergency Management Director know **in advance** if you need any special assistance during an emergency. Special help can be made available to you.

Your local Emergency Management Office is prepared to help you if you have a special need and would need assistance during a public emergency. If you or someone in your household would need special help being notified of an emergency, sheltering-in-place, evacuating, or staying in a mass care shelter, please let the Emergency Management Office know immediately. Special help is available, but is best planned **before** an emergency happens.

**Please fill out the Special Needs Card at the back of this calendar. A new card should be sent in every year.**

If you know someone who is blind or might have difficulty reading this calendar, please read it to them. Emergency information is also available on a cassette tape for the blind at your local library.

If you are hearing-impaired and would need to be notified on a TTY of a public emergency, please notify your local Emergency Management Office. You may use the Special Needs Card at the back of this calendar. **All information will be kept strictly confidential.**

If you have children who might be home alone, make sure they understand the information in this calendar and know what to do in an emergency. It is especially important that they know how to tune to their Emergency Alert System station.

## People at the Beaches

In an emergency, beaches would be closed. People at the beaches should leave the area and go back to their lodgings or homes and listen to the Emergency Alert System stations. Public shelters near visitor areas will be marked by large red "Emergency Shelter" signs.

## Boaters on Cape Cod Bay

Boaters on Cape Cod Bay should follow instructions given by town Harbormasters or the U.S. Coast Guard.

# Information About Radiation

Radiation is one form of energy that has existed on Earth and in the universe since the beginning of time. Radiation takes several forms, none of which can be seen, heard, tasted, smelled, or felt. Scientists know what it is, where it comes from, how to detect and measure it, and how it affects people.

There are many materials in our surroundings that are naturally radioactive and have been that way since the earth was formed. They are in the ground, in our food, in buildings, and even in our own bodies. Radiation also comes from outer space. Most of the radiation we receive every day comes from these sources.

Many of us receive man-made radiation, mostly from medical sources such as X-rays or radioactive tracers. Doctors use these methods to help diagnose and treat injuries and illness. Like many useful and beneficial things, radiation in large doses can be harmful. That's why people who work often with radiation, like doctors and dentists, take extra precautions such as wearing lead aprons.

Radiation exposure is measured in millirem. The federal government says the average yearly exposure we receive from natural and man-made sources is about 300 millirem. In large doses, radiation may cause observable health problems or may increase the chance of health problems later in life.

In the process of making electricity, nuclear power plants produce radioactive materials. The nuclear fuel inside the nuclear power plant

is highly radioactive and that is why large amounts of concrete and steel are used in containing the radioactivity within the reactor. Radiation safety regulations for nuclear power plants have been established by the Nuclear Regulatory Commission. The regulations are designed to protect both the public and workers from unnecessary radiation exposure during the operation of nuclear power plants. Accidents can and have occurred in nuclear power plants, so planning to protect the public from accidental releases of radioactivity is necessary.

It is impossible for a nuclear power plant to explode like a nuclear bomb. Although there could be a serious accident at a nuclear power plant which might release radioactive materials, these serious accidents are very unlikely.

If a serious accident happened, people living near the plant could be asked to avoid or reduce exposure either by sheltering-in-place or by evacuating the area until such time as the radioactive materials had dispersed.

# Pilgrim Nuclear Power Station

The Pilgrim Nuclear Power Station, in Plymouth, Mass., is a single-unit "boiling water reactor." At Pilgrim, water is pumped through the reactor creating steam that flows to a turbine. The turbine rotates and spins an electric generator producing electricity—just as in a coal-or oil-powered power plant. The steam then goes into a heat exchanger called a condenser, and becomes water when cooler ocean water flows around tubes containing the steam in the condenser. The condenser is designed to keep steam from the turbine separate from the water that is drawn from and returned back to the ocean. This process is similar to any power plant that uses steam. Once the steam in the condensor becomes water, it is pumped back into the reactor to be boiled again. Pilgrim has two water systems, each of which is separate to keep the plant safe. Pilgrim produces 670 megawatts of electricity daily, enough electricity to light 670,000 homes.

## Safety Systems

Pilgrim, like all American nuclear power plants, has numerous safety features designed to protect the plant, the environment and people around the plant if a problem occurs. These safety systems include:

- Several separate sources of cooling water to prevent the fuel from overheating in normal and emergency conditions.
- Backup systems and components for key plant functions.
- A leak-tight steel-lined, steel-reinforced concrete containment building.
- Backup electric power supplies to operate all key components.

# Questions and Answers

## Helpful Answers to Some of Your Questions...

- Q.** Why is Pilgrim's Emergency Planning Zone an area 10 miles around the plant?
- A.** *The federal government selected 10 miles because it is the distance beyond which any radiation exposure would be so small as to not warrant any type of protective actions for the public. Most credible accidents would not require protective actions beyond five miles or less.*
- Q.** Would radioactivity released from Pilgrim travel outward in all directions?
- A.** *No. Radiation would move in a relatively narrow "plume" with a size and shape determined by wind and other weather conditions.*
- Q.** Would everyone within 10 miles of Pilgrim have to evacuate if there was a serious emergency?
- A.** *No. Only people in the direction of the narrow radiation plume – those in potentially affected subareas of the Emergency Planning Zone—would have to take actions as directed. In fact, to keep roads clear, only people in areas specifically mentioned in Emergency Alert System broadcasts should evacuate in an emergency.*
- Q.** Can Pilgrim explode like a nuclear bomb?
- A.** *No. It is a matter of scientific certainty because of the laws of physics that the plant cannot explode like a nuclear bomb. The uranium in a power plant's fuel is intentionally different from that used in nuclear weapons, making explosions impossible.*
- Q.** How can I be sure that Pilgrim is secure and well-protected?
- A.** *Pilgrim is defended by armed guards, sophisticated detection equipment and other advanced protection systems that meet or exceed federal, state and local requirements.*

# Other Important Information

## Information for Farmers

For information for farmers and food processors, contact:  
Massachusetts Department of Public Health  
90 Washington Street  
Dorchester, MA 02121  
Phone: 617-427-2944  
Fax: 617-427-2925

## Potassium Iodide (KI) and the Public

The Massachusetts Department of Public Health and the Massachusetts Emergency Management Agency want you to know about potassium iodide (KI). The Nuclear Regulatory Commission has made KI available to states for distribution within the 10-mile emergency planning zones of commercial nuclear power stations.

### What is potassium iodide (KI)?

Potassium iodide is a drug that can protect the thyroid gland from radiation injury caused by radioactive iodine. The drug is approved for use by the U.S. Food and Drug Administration and is available over-the-counter.

### How does it work?

KI saturates the thyroid gland with stable (non-radioactive) iodine, to limit the amount of radioactive iodine that could be absorbed by the thyroid. During a radiological emergency, radioactive iodine could be released to the environment. Iodine concentrates in the thyroid gland. Breathing air or eating food contaminated with radioactive iodine can injure the thyroid and increase the risk of thyroid cancer.

Potassium iodide is only effective against exposure to radioactive iodine and only protects the thyroid gland. KI does not protect against other types of radioactivity that might be released during a

nuclear emergency. Evacuation and sheltering-in-place are the primary means of protection. The use of KI is secondary to these protective measures.

### When should I take KI?

KI should be taken shortly before or shortly after exposure to radioactive iodine to be most effective. Even if taken three to four hours after exposure, it would still reduce the amount of radioactive iodine absorbed by the thyroid and have a substantial effect. The protective effects of KI last approximately 24 hours. Emergency broadcasts over Emergency Alert System radio stations will tell people if the Massachusetts Department of Public Health advises them to take KI.

### How much KI should I take or give to my children?

The presently available KI pills are 130-milligram scored tablets. In December 2001, the U.S. Food and Drug Administration published guidance on KI recommending the following dosages:

Adults	130 mg
Children aged 3 to 18 years	65 mg
Young Children (one month to 3 years)	32 mg
Infants (birth through one month)	16 mg

These are the minimum effective doses; the MDPH supports the use of one 130 mg. tablet for children above 3 years of age during an emergency. This is in agreement with US FDA guidelines. If you are considering using KI in an emergency, you should discuss whether taking KI is right for you with your health care provider.

## How can I get potassium iodide?

Persons living within the 10-mile emergency planning zone may obtain one free KI tablet for each member of their household by calling the Massachusetts Department of Public Health Radiation Control Program at 617-427-2944.

Further information on KI can be found on the Massachusetts Department of Public Health Radiation Control Program website [www.state.ma.us/dph/rcp](http://www.state.ma.us/dph/rcp).

## Emergency Plan Testing

To make sure that the emergency plan works well, it is tested regularly. This testing is called an exercise. Emergency workers and public officials simulate a serious problem and go through the emergency actions in the plan. You can read about these tests in the newspaper before they take place.

## Siren Testing

Sirens are tested periodically. The date and time of the annual 3 to 5 minute test is announced in advance in local newspapers and on the radio. Other audible tests may occur lasting several seconds.

## Accidental Siren Sounding

Occasionally, a siren sounds by accident. If you hear a siren, tune immediately to your Emergency Alert System station. If there is no message, you should report the sounding to your local police or fire department.

<b>Plymouth</b>	<b>508-830-4212</b>	<b>Carver</b>	<b>508-866-2000</b>
<b>Kingston</b>	<b>781-585-0522</b>	<b>Marshfield</b>	<b>781-837-1315</b>
<b>Duxbury</b>	<b>781-934-5656</b>		

These are **non-emergency** numbers but are answered on a 24-hr basis. Workers at these numbers will be able to tell you if there is an actual emergency.

## More About Pets

### Plan in advance to evacuate your pets.

- Since Mass Care shelters do not accept animals (other than seeing-eye and hearing-ear dogs), make a list of places that would accept your pets, such as boarding kennels, friends and relatives outside the affected area, or motels that accept pets.
- Prepare an emergency kit for your pets, including collars and leashes, a three-day supply of food, bowls, litter boxes, photographs, and a week's supply of medications that your pet may be taking.
- Make sure your pets wear collars with current license and rabies tags, and identification tags that include information on where you'll be staying.
- Use a pet carrier for each of your pets to make transportation easier.
- For more information on disaster preparedness for pets visit The Humane Society of the United States Disaster Center web site at: <http://www.hsus.org/ace/18730>

# Personal Planning Guide

Fill in these blanks now and go over this information with your family. Decide who would pick up school-age children at the host school and where to meet if you were apart in an emergency. Be sure children know what to do if they are alone and the sirens sound. Talk to your neighbors so you can help each other if necessary.

It is a good idea to keep some things handy in case of an emergency: portable radio, flashlight, extra batteries. Keep your car in good running order and don't let the gas tank get too low.

**This will save time and avoid confusion in an emergency.**

My best evacuation route is: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

My reception center is located at: \_\_\_\_\_

My school-age children will be taken to: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Prescription medicines I will need: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Important papers I will need: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I could get an emergency bus at: \_\_\_\_\_



My local Emergency Management  
Office **non-emergency** number during  
regular business hours is: \_\_\_\_\_

My local Emergency Management  
Office **emergency** number is: \_\_\_\_\_

My local Fire/Police **non-emergency** number is: \_\_\_\_\_

Pet-friendly hotels/motels: \_\_\_\_\_

Boarding facilities outside of my area: \_\_\_\_\_

Other things to remember: \_\_\_\_\_

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**The Massachusetts Public Information  
Number Is 1-800-982-6846.**

Notes: \_\_\_\_\_

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## For the Disabled, Elderly, Handicapped, and those with Special Needs.

Special provisions have been made to provide emergency assistance for all persons with special needs. It is important that you make any special needs known beforehand. For example, special needs could include walking disability, sight or hearing impairment, or need for specialized medical equipment or transportation. Contact your local Emergency Management Director; or use the confidential card on the back cover of this calendar.

I live in the town of



### BUSINESS REPLY MAIL

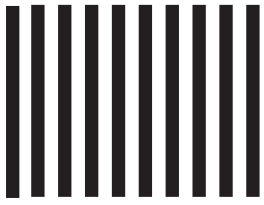
FIRST CLASS MAIL PERMIT NO 25 BRIDGEWATER MA

POSTAGE WILL BE PAID BY ADDRESSEE

MASSACHUSETTS EMERGENCY  
MANAGEMENT AGENCY  
REGION II HEADQUARTERS  
P.O. BOX 54  
BRIDGEWATER, MA 02324-9902



NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES



PRSRT STD  
U.S. POSTAGE  
PAID  
Boston, MA  
Permit No.  
55682

# Special Needs Card

## Would You Need Special Help In an Emergency?

If you have a disability that may cause you to need special help in an emergency, please fill out and return this card as soon as possible. If someone you know in the region would need special help in an emergency, urge him or her to complete and return this card. THIS INFORMATION WILL BE KEPT CONFIDENTIAL BY STATE AND LOCAL AUTHORITIES.

**Please note: Even if you sent in a Special Needs Card in the past, a new card should be sent in EACH YEAR.**

Please tear along dotted line, seal closed with address facing out, and mail. No postage is necessary, Do not staple

**Please mark an "X" in EACH box that applies to you.**

- ☐ I do not have transportation available to leave the area in an emergency and cannot walk about one-half mile to an evacuation bus route.
- ☐ I need help, but can ride in a van.
- ☐ I am in a wheelchair, and would need a wheelchair van.
- ☐ I would need to ride in an ambulance.
- ☐ I have specialized medical equipment and require special transportation.
- ☐ I am hearing impaired and use a TTY.
- ☐ I am hearing impaired and need a TTY.
- ☐ I am sight-impaired and require special help.
- ☐ I need help closing doors, windows and vents.
- ☐ I require a medically prescribed diet.
- ☐ Other: \_\_\_\_\_

If you have marked any of the boxes above, please fill out the rest of this card and return it promptly. A representative of your local Emergency Management Office will contact you to get more information on your specific needs. If you are completing this card for someone else, please include your name and telephone number, too.

Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

Town: \_\_\_\_\_, MA Zip: \_\_\_\_\_

Phone Number: \_\_\_\_\_

TTY Number: \_\_\_\_\_

Person completing this card: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Massachusetts Emergency Management Agency  
Region II Headquarters  
P.O. Box 54  
Bridgewater, MA 02324-0054

